unity #
42

Chief Coiner Copper account book 1796 -

Debits show

COINAGE NUMBER | TROY WEIGHTS | DOLLARS CENTS MILLS

CREDITS SHOW

AND WEIGHS - TROYWEIGHTS - Dollar Cents + Mills

de debits must equal de Credits

The PLUG is a Credit Carry over to Next accounting and wastage both.

IE GENERAL SCHEME -

DEBIT	CREDIT
(1) COINAGE DELIVERED TO TREASURER BY ~~Coiner~~ DIRECTOR WARRANT	(1) FROM TREASURER COPPER! BY TREASURER WARRANT
(2) WASTAGE ALLOWANCE	(2) CARRY OVER FROM PREVIOUS ACCOUNTING
(3) CARRY OVER TO NEXT ACCOUNTING	(3) OVER PLUSH
(4) clippin Sale.	

/ MOST EQUAL /

Note - The First Warrant By Chief Coiner is March 31 1796 AFTER ALL OF THE TAL TOKENS HAD BEEN USED !

Cust #42

Chief Coiner

Credits as being Received from Treasurer on 11/11/1802 Warrant #18

162 LBS AND ... Spoiled Blanks
or. 196-10-11 TROY
LBS OZ DWT

Record a Debit on Warrant #39 11/17/02
for 6166 Half Cents = 89-11-1 TROY

Same date 11/17/02 Clipping delivered Pursuant to Warrant = 106-11-10 TROY

196 - 10 - 11

This Had to be an 1802
PLUG JOB!!

---

the 1803 delivery of 5900 Half Cents
is recorded as Credit 8/10/03 for 181-10-14 TROY
WARRANT 20!!

Debits Warrant 47	5700 ½-Cents	86-0-10 Troy
C	Clipping	95-10-4
		181-10-14

Half Cent Coinage in 1806

179,000 3rd Q
177,000 4th Q
356,000

1811 July 9

Copper Spoiled Blanks delivered
362 -8 -18 TROY

Folio 65 — 66 above circled false one

Here endith the accounts of Henry Voigt as
Chief Coiner of the Mint. He having died the 7th of February 1814

Entry 42

FOLIO 74

in Pencil in Credits

December 12, 1825
in Pencil ..
64 or 67 CASKS OF Half Cent planchest
from Matthew Boulton Per Eckfeld Book
Page 36.

ORIGINAL OR BB = BS

LOOKS LIKE ECKFELD HAND

ADV Weight 22 400 LBS
= 10 TONS ADV

NO WAY

WB - BS
other Paper - !!

Walter has written all over the book.

On December 31, 1835 there
shows as a Doc 539,000 Half Cent

Closes 1839

Adam Eckfeld
Lewis Chief Coiner

1793

CENT BOOK

1796

to 1803 July 15

Entry # 46

[illegible]	Half Cent [illegible]	Cents	[illegible]
	25,600 = $128.00	37,000	498
3/5/1796	323 lb 4 oz	= 33,172 PLANCHETS	
[illegible] 1796	7,000		
3/18/1796	32,000		
3/21/1796	15,000		
4/9/1796	3,350		
Weighed Oct 14 → OCT 24/1796	1390		

130 [illegible] 1/2 Cents
Wch 2,000

12/24/1795 [illegible] and [illegible] wain made [illegible] cents

4/18/1796
[illegible] LARGE CENTS = 15,000

3/[illegible]/1796 There was 33 lb of Spoiled Cents made in 1/2 cents + weighed [illegible] = 2772 PLANCHETS.

8/12/1796 Weighed of 1/2 Cents in planchets 16 lb 13 oz = 428

February 6, 1797 The above spoiled cents that were left [illegible] Copper 27 - 15 [illegible] Now rolled down for half cents and [illegible] with the 1/[illegible] Copper = 2352 PLANCHETS

NO!!

AVOIRDUPOIS
1 LB = 16 OZ = 7000 GRAINS
TROY
1 LB = 12 OZ = 5760 GRAINS OR 240 PENNY WEIGHT
1 OUNCE = 20 PENNY WEIGHTS = 480 GRAINS
1 Penny weight = 24 GRAINS

Conversion 1 OZ TROY GRADE = 5.7142857 [illegible] PLANCHETS

[illegible]
104 GR
4 1/4 dwt

LATE
84 GR
3 1/2 dwt

12/10/1796 By Copper recd in Blanchets for Half Cents — £k 1914 — 7 @ 84 Half Cents per pound

130,790 = Planchets – Troy

160,776 Planchets ADV

½ Cents Delivered

4/24/1797	17,280	Delivered 2160 Each
	10,000	
4/29/1797	8,600	
5/2	17,280	
5/3	17,280	
5/6	18,000	107,048
5/8	18608	12,167
	107,048	119,215

April 16 1799

Half Cents on Hand 12,170

1 LB of Copper = 83⅓ Half Cents @ Planchets Troy

1 Lb of Copper = 83⅓ Half Cents @ 84 (each) ADV

3/14/1800 Delivered to the Boulton Coin Striking ½ cents — Spoiled cents 16. = 13,524 Planchets

Deliveries of ½ Cents			
4/29/1800	5750	10/4/1800	2000
5/16	3872	12/5/1800	32,000
6/5	12,356	12/10/1800	27,000
9/17/1800	2,000	12/12/1800	105,[illegible]
9/18/1800	12,000		

Total ½ Cents 1800 — 190,552

Boulton Planchets Received 186,752

Received aug 2, 1802 of the Treasurer of the Mint in Spoiled Cents for the Purpose of makeing half Cents 195 lbs = 16,250 [illegible]

? = 13325 TROY

W B has written SEPT. IN ARCHIVES BOOK

August 14 1802 Delivered to Treasurer 8200
Half Cents Coined out of the former deposit

NOV 17 1802 Half Cents Delivered 6166

14366

Half Cents Delivered

One of Last Pages

1793	7,000 24,934 31 934
1794	10,000 48,000 23,600 81,600
Decem 1795	25,600
January 1796	109,000 5090 1390
* 1797	107,048
1799	12,167
June 1800	20,978
Sept 1800	24,000
Octob 20 1800	166,552

3/12/1796 60,500
3/31/1796 48,500

APRIL TO ?/30

By 11/24/1794

Statement of Cents and half Cents delivered the Treasr of the Mint from the 1st of March 1793 to the 30th of Aug 1799 as per Receipts

			half Cents	Cents	
1793 March	March 1 Cents			111	78
				26	9
				40	—
				37	65
				15	73
				70	—
				10	—
				55	78
				120	—
				11	12
				20	—
				70	—
				60	—
				12	40
	Quarter ending April 93			794	55
	do June			60	—
	do			112	25
			7000	1	76
	do do Sept 93		214934	227	56
	Jany 94			110	—
Mar				26	—
				80	—
				80	—
				160	—
				80	—
				80	—
				55	—
		Per Brien		80	—
		3/22	10,000	160	—
				80	—
				80	—
				240	—
				80	—
				80	—
				160	—
				160	—
				80	—
				240	—
				210	—
				240	—
				150	—
Apr		6/28	18000	1920	—
		[illegible]	23600	3082	—
				1210	21
	Decemr 95		25600	379	—
			139134	10077	33
	Jany 1796		109000	5015	—
			5070	1015	25
			1390	3530	75
	March 1797			1115	10
			107048	[illegible]	
	March 1798			1250	—
				[illegible]	
				[illegible]	
	March 1799			[illegible]	
			[illegible]	[illegible]	[illegible]

COPY

12 April 13 1797

Cents on hand — 8250 | 8250 / 6088 / 14,335
half Cents 12170 making 6085
Cents 14335

	lb.	Oz
Clippings delivered Melter	294	6

Warrant 12 to Chief Coiner No 6

Delivered N Thomas for the Treas. of the Mint in half cents

				Dollars, Cents
L	3530 half Cents	1765		
	250 Cents	250		30,15
	1000 ditto	1000		
		3015		

13

Delivered to the Bank U. States in Cents & half Cents — viz

				Dollars Cents
R	In Cents		7000	
	" 1/2 Cents	8640 making	4320	113,20

Treas. Receipt

½ Cent on Hand 12,170

Delivered
3530
8640
12,170

Third Quarter July 1. 1802 [illegible] (Cr

[illegible] of Cents delivered of the last Invoice received [illegible] July 1802 - - - - Viz . . . . 93 - 11,330 —

——— July 19 ———

Delivered to the Treasurer of the Mint in Cents — per Order of E. Whelon

Rec. Warrant

One Keg Containing One Hundred Dollars in Cents ——— 1 — 100 —

——— Aug. 11 ———

Delivered to the Treasurer of the Mint in Cents — per Order of E. Whelon —

Warrant

Twenty two Casks Containing Three thousand four hundred and twenty Dollars — — 22 3420 —

——— 14 ———

Delivered to the Treasurer of the Mint half Cents coined out the former Deposit forty One Dollars in half Cents say 41 Doll. — Amounting in half Cents 8200 —

——— Sept. 7 ———

Delivered to the Treasurer of the Mint in Cents — Three Thousand Dollars — Nine teen Cask — 19 3000 —

——— 14 ———

Delivered to the Treasurer of the Mint per Order of E Whelon. Twenty Dollars (in [illegible]) — 135 .. 20850

20

20870

Correspondence

ROBERT SCOT

The Governor Company of Copper MINERS in England
COLTMAN

on 6/4/1797
Coltman suggests that
Planchets for Mint & Boulton
Cut Shipped & Non-Planchet Sheet Copper

— planchets Shipped

a total of 116934 halfpence Coined 1793-1795
81,600 - 1794
35.334

35.334
31 934
3400 — 1795

1793-95
1794

MINTAGE

1200

105,480

	1799 Statement	1796 Direct. Report	Official Records 1920
1793	31 934	35,334	
1794	81,600	81,600	81,600
		116,934	
1795	25,600	25,600	25,600
	139,134	142 534	142,534 ←
1796		115,480	
		258 014	

71267
71267
142534

Mint [illegible] — This shipment arrived at Philadelphia 12/4/1797 ([illegible])

1797
May 24. Forwarded to Bristol to be shipped P the Adriana Captn Lee.

E No. 28. Twenty eight Casks of Planchets

			£ s d
Nt Copper . .	[illegible] .. 3 .. 24	[illegible]	471 .. 7 .. 4
Rolling Coin Fees	. . . . .	[illegible]	120 .. 1 .. 3

Estimate of probable expenses in the Engravers department of the Mint for the Year 1796

×	For Assistant Engraver	936
×	The Forger, his stated allowance . . .	500
×	Steel	150
×	Contingencies	[illegible]
		$1[illegible]

Robt Scot Engr.

FRIDAY

✓ 22 Correspondence Concerning the Sale of Copper Planchets 1849-50

✓ 23 Peale Correspondence 1829-86

✓ 42 Chief Coiners Copper account book 1796-1814 -1816-34

✓ 150 Bullion accounts for the Weighing of Copper 1854-1869

✓ 198 Register of Employees 1849-84

✓ 181 Ledgers and Blotters of Ordinary Receipts and Expenditures of the Mint 1794-1837, 1839-54

182 Registers of Warrants for Ordinary Expenses 1808-23, 1837-83

187 Trial Balance Sheets for Philadelphia Mint Accounts 1850-59

219 Monthly Statements of Deposits and Coinage 1843-52

(44) Cent Book.

Ents
181

ii General Ledger
Folio and Warrants — Nathy

Entry #22 Letter No. 161

AUG 18, 1849

To Crocker Bros AUGUST 18, 1849

We find it necessary to have a small supply of Copper Planchets for Half Cents & send you herewith a gauge and a specimen Planchet.

(Price for 1/3 of a TON)

Discussion of Weight Variation

Letter No 167

From Crocker 8/22/49

acknowledges order for the "Small planchets" and will proceed. Cost 30¢ per lb

Letter # 168

To Crocker Bros. 8/24/49

Wants specimen Planchet

Order 720 lbs. ADU of Copper ½ Cent Planchets.

Put up in 6 Kegs of 120 lbs Each.

Letter 175

From Crocker 9/4/49

Encloses specimen Half Cent Planchet.

TWO SPECIMENS

Note in front of Letter 177

Franklin Peale Not Pick over Sample sent by Crocker Co.

Letter 177

to Crocker 9/8/49

Sends essence of Peale Report

Letter 185

to Crocker 9/20/49

adds Reminder on ½ Cent planchets.

Letter 188

From Crocker 9/26/49

Encloses specimens.

Letter 193

to Crocker 10/5/49

approves planchets sent as samples

Letter 214

11/2/1949

From Crocker submits Bill of Lading.

Letter 217

To Crocker 11/7/49

— 2d order 850 ~~Lables~~

Letter is interesting 2 to 3 years before all will be used. Limited demand for 1/2 Cents etc.

From Crocker Letter 224 11/19/49

Blames Foreman for screw up

Letter 228

from Defrount 11/17/49

Wants 1/2 Cents

#198

Register of Employees 1869-1884 — apparently started about 1862

PHILA MINT

Peter P. Breen! DIRECTORS OFFICE
WARRANTS appointed 1857 $4 Per day.

Treasurer Office
William M SNIDER — MACHINIST! appointed 1856 $3.50 Per day.
John I(?) GRIFFITHS — In Charge of CENT Office
appointed 1851 $4 Per day.

ROBERT WALLACE
WATCHMAN ON CABINET

ENGRAVING DEPT
A.C. PAQUET asst Engraver appointed 1854
GEORGE ECKFELDT DIE FORGER appt 1825

3 MACHINISTS!

Melting & Refining Dept. 41 Employees.
JOHN BENNETT Foreman, Cent Melting
+ 9 others classified as. CENT Melting
all Hired - appointed 1861!

Chief Coiners Dept 41 Employees
John W. Butler asst to Coiner 1862
Promoted to Chief Coiner 11/10/63

New Orleans: at Treasurer Office
all employees start in 1867

ENTRY
#23

Peale's Report to Moore of June 17, 1835

on his Visit to Europe
Will Take Considerable Time
But probably has Much Data in
Regard to Processes

Entry 150 Bullion accounts for the Weighing of Copper

This Starts 1854 and is Basically the same as
Entry #42 in a Much Simplified Manner

						OZS
						9853.70
1855	April 16	Received 675.68 Lbs. Legal Value				281.53
				\$1		COINS
	April 28	Shipped 4 kegs of \$50 Each	=	200 —	=	40,000
		33 Bags @ 2.50 Each	=	82.50	=	16,500
				282.50		56,500
		SPOILED PLANCHETS	=	1.46 4		292 Waste
						56,792

1856 July 25 The 200 Half Cent

1856 December 11 Half Cents 480 Lbs. Received
Coined

			COINS
3 Kegs of \$50	= 150 —	=	30,000
BAGS	51.15		10,230
			40,230

Spoiled 92 Planchets

1857 Jan 5 Half Cents Delivered
\$175.90 = 35,180

Spoiled .394 = 78 Planchets

Entry
150
CONT.

Mint Cash account

July 2, 1856 280.00

Copper sold ? ? for ~~the~~ ordinary / account

– Probably represents sale of.

Copper Proofs.

IF.
Entry 23

Peale Correspondence has much info!

all letters to be read. – all in long Hand.

There must be Gems here.

Entry #23

J. Ross Snowden, Esq.
Director of U.S. Mint.
Dear Sir:

Chief Coiner's Office
U. S. Mint
Philad^a. July 28. 1856

In reply to your enquiries relative to the claims of Mr Franklin Peale for inventing a portion of the Machinery in the U S Mint I beg leave respectfully to report, viz:

1st. For Coinage and the application to it of Steam Power. The power was introduced and used for various purposes, long before Mr Peale's connection with the Mint, at the suggestion of Mr A. Eckfeldt the predecessor of Mr P., and it is continued at the present time.

2d. The invention and construction of a Milling machine I understand from several persons, now employed in the Mint, that the patterns were obtained from Taunton, where the Copper planchets for cents are manufactured.

3d. The invention of the piling box, it is said, was recommended by Mr Tyler, formerly Chief Coiner of Branch Mint at New Orleans.

4th. Devising and directing the Construction of Steam Engine for Coining room. On this subject allow me to refer you to the report of the Engineer Chas Johnston.

5th. Same for rolling and cutting rooms. Please refer to C. Johnston's report.

6th. Machinery for Branch Mints was executed by Mr George Eckfeldt, and others, by order of the Director.

7th. Invention and erection of annealing furnace. Mr

E. Weatherly, bricklayer, states the same to have been used for many years before Mr Peale's appointment. The furnaces now in use were ordered by the present Director.

8th. Claims the originality of the idea of the Counting board. Counting boards are said to have been used by Bankers & others in London, Paris and Amsterdam for a number of years. Mr Tyler, of New Orleans branch Mint, introduced them there and by his direction the first patterns were made of the boards now in use here.

9th. Claims the originality in design, and peculiarity of Construction, of the balance used in Mint and branches. Please see Mr Wm Snyder's report.

10th. The devices for ~~securing~~ recovering the gold and silver from waste or wash hands have been in use for some time in many of the principal Manufactories in the U. States & in Europe - similar to those now in the Mint.

The above information has been obtained from persons engaged for a long time in the U.S. Mint, and who are familiar with the Manufacturing of the Machinery alluded to, & having been Constructed during their employment, and previous to my appointment as Chief Coiner.

All of which is respectfully submitted by
Your obedt servt.

Geo. K. Childs
Chief Coiner of U.S. Mint

16 260.42 Troy oz

Times 480 = GRAINS
÷ 84 = PLANCHETS = 5.71428571428

= 92,916 Planchets

| GRAIN IS COMMON MEASURE |

TROY	ADV
OZ	OZ
IS	IS
480GR	437.5GR
TROY	ADV
LB	LB
IS	IS
5760GR	7000GR

~~Sam~~
So many pennyweights
3½ dwT per ½ planchet

Lb Troy is 12 OZ
Lb ADV is 16 OZ
[illegible]
[illegible]
[illegible]

1OZ TROY = 1OZ ADV

Troy
1 oz = 20 dwT = 480 GR
1 dwT = 24 GRAINS

3½ dwT = 84 GR

25 Cases of 875 ozt each = 21875 ozt =
10,500,000 GR = 1500 LBS adv. X 30¢ = $450.00

22,222 ozt = oz ADV = LBS ADV
X 30¢

1 X 480 ÷ 84 =

480) 10,4[illegible] 000

48) 1041300 = 21
96
[illegible]
48

C Abstract C

Statement of the Denomination & Value of Copper Coins [illegible] the Mint of the U. States from the Commencement of the Mint Establishment to the Date hereof —

COPY ... DEPARTMENT

Periods when coined	Denomination Cents	Halfcents	Value Dolls	Cts
From March 1793 to 31st Decr 1795	1,060,033	116,$\frac{934}{25000}$	11,373	—
Jany 1. 1796 to 31 March 1796	501,500.	109,000.	5,560	
April 1 — 30 June	109,825	5090	1123	75
Octr 1 — this day	363,375	1390	3640	70
	2,040,733	233,424 / 258,014	21,697	40

Nov 24 96

E.B. No. 1 a 20 20 Cases Copper Planks } Tons
P 21 a 64 44 Ditto Copper Blanks } 10

SHIPPED, by the Grace of God, in good Order and well-conditioned, by The Governor and Company of Copper Miners in England for Account & Risque of Elias Boudinott Esqr. ~~Director of the Mint of the United States~~ in and upon the good Ship called the Rebecca
whereof is Master, under God, for this present Voyage, James Hughes
and now riding at Anchor in the River Thames
and by God's Grace bound for Philadelphia
to say,
Sixty One Cases of Copper Weighing Nett
Ten Tons

being marked and numbered as in the Margin, and are to be delivered in the like good Order and well-conditioned at the aforesaid Port of Philadelphia (the Danger of the Seas only excepted) unto Elias Boudinott Esqr.
or to His Assigns, he or they paying Freight for the said Goods Twenty [illegible]
with ~~Primage and~~ Average accustomed. In Witness whereof the Master or Purser of the said Ship hath affirmed to Three Bills of Lading, all of this Tenor and Date; the one of which Bills being accomplished, the others to stand void. And so God send the good Ship to her desired Port in Safety. Amen.

Dated in London 1st July 1796
James Hughes

[illegible]

[illegible] Copper [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] to the [illegible] [illegible] [illegible] following —

	[illegible]		
[illegible]	[illegible]		[illegible]
[illegible] 31 [illegible]	[illegible] 11[illegible]		11,378
[illegible] 31 [illegible]	[illegible] 10,[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	365,[illegible]	18[illegible]	[illegible] 70
	[illegible]	23[illegible]	[illegible] 40
		258 0[illegible]	

[illegible] 96

F.B. No. 1 to 20 [illegible] Cases [illegible]

P No. 21 to 61 [illegible]

SHIPPED, by the Grace of God, in good Order and well-conditioned, by the Governor and Company of Copper Miners in England [illegible] [illegible] [illegible] in and upon the good Ship called the Rebecca [illegible] whereof is Master, under God, for this present Voyage, James [illegible] and now riding at Anchor in the [illegible] Thames and by God's Grace bound for Philadelphia to say,

Sixty One Cases of Copper Weighing Nett Ten Tons

[illegible] to be delivered in the like good Order and [illegible] at the aforesaid Port of [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible]

Dated in London [illegible]

[illegible]

[illegible] of the [illegible] July 10 1797

Sir,

[illegible] Mr. Bayard [illegible] [illegible] [illegible] [illegible] [illegible] as soon [illegible] [illegible] [illegible] with you [illegible] [illegible] [illegible] supply of Copper Planchets, but [illegible] [illegible] [illegible] its arrival, [illegible] get [illegible]

Since that Date I have [illegible] by the [illegible], Sixty five Casks of Planchets, but without [illegible] [illegible] which I hope Mr. Bayard will be able to furnish me with —

These Planchets are just as I wished them and answer every purpose we expected — In future, I shall hope for a regular supply in such quantities as you can furnish by every convenient Opportunity so as to make up about 40 or 50 Tons of Planchets — I shall keep up a Direct Correspondence with you, and wish for your address, & the best means of communication — Your remittances shall be punctual, and if at any time by accident, they should be [illegible], it shall be made good by the allowance of [illegible] — I wish to have every Shipment insured or such advice given me as to get insurance made here — If the request would not be improper, I should be much obliged, by particular Instructions for the hardening of Dyes — [illegible] [illegible] have them tolerably [illegible] [illegible], yet our [illegible] [illegible] them, is much greater than I can think necessary —

If I could obtain a Shipment of half a Ton of the best Steel for the making of Dyes, I should be much obliged.

When I see Mr. Bayard, who is [illegible] [illegible] [illegible] I shall be informed of the [illegible] of my [illegible] [illegible] [illegible] —

[illegible] expectation of [illegible] from you [illegible] [illegible]

I remain [illegible] [illegible] [illegible]

[illegible] [illegible]

Philadelphia Mint of the U.S. July 10. 1797.

Sir,

Expecting Mr Bayard would not leave London [illegible] last as soon as he did, I wrote him, to settle with you decidedly, a plan for a ~~contract to Mr Bayard [illegible]~~ continued supply of Copper Planchetts, but I believe he had left London before its arrival, ~~[illegible] get to hand~~.

Since that Date I have recd. by the Manchester, Sixty five Casks of Planchetts, but without Inv. , or Acct. – which I hope Mr Bayard will be able to furnish me with –

These Planchetts are just as I wished them and answer every purpose we expected – In future, I shall hope for ~~expect~~ a regular supply in such quantities as you can furnish by every convenient Opportunity so as to make up about 40 or 50 Tons p annum – I shall keep up a Direct Correspondence with you, and wish for your address, & information of the best means of communication – Your remittances shall be punctual, and if at any time by accident, they should be delayed, it shall be made good by the allowance of Interest – I wish to have every Shipment insured or such advice given me as to get insurance made here – If the request would not be improper, I should be much obliged, by particular Instructions for the hardening of Dyes – for altho we have them tolerably well done, yet our loss in them, is much greater than I can think necessary –

If I could obtain a Shipment of half a Ton of the best Steel for the making of Dyes, I should be much obliged.

When I see Mr. Bayard, who is arrived at New York I shall be informed of the State of my last with you –

In expectation of [illegible] from you by the first Oppor-tunity I remain [illegible]

Boulton

BOUDINOT

Elias Boudinott Esq.re — Copy — Soho April 19th 1800

Sir, Agreeably to my Intimation I have shipp'd for you on the 17th Current 58 Casks of Cent Planchets & 6 Casks of half Cent D.o of which I can now only hand you the Weights, having to procure Insurance on the Am.t, which cannot be done to save Time of sailing of the Pomona. As soon as the Insurance is effected I will transmit you a regular Invoice; but am sorry to say the Price will be very high. In due Time I hope you will receive them safe & in good Condition, ~~being~~

I am Sir, your very hum. Serv.t

Sign'd for Matthew Boulton
Wm D. Brown

B

No	Gro. Weight C	qrs	lb	oz	N.t Weight C	qr	lb	oz
1	3	2	25	8	3	2	13	—
2	3	2	16	—	3	2	4	—
3	3	2	15	12	3	2	4	—
4	3	3	19	12	3	3	7	—
5	3	2	12	—	3	2	—	—
6	3	3	5	8	3	2	22	—
7	3	1	18	—	3	1	6	—
8	3	2	7	4	3	1	23	—
9	3	2	11	6	3	2	—	—
10	3	1	21	—	3	1	10	—
11	3	1	6	—	3	—	22	—
12	3	1	15	—	3	1	2	—
13	3	2	5	4	3	1	21	—
14	3	3	11	8	3	3	—	—
15	3	1	27	8	3	1	16	—
16	3	2	22	4	3	2	9	—
17	3	1	19	4	3	1	7	—
18	3	2	—	—	3	1	15	—
19	3	1	12	12	3	1	—	—
20	3	2	—	—	3	1	16	—
21	4	—	9	—	3	3	22	—
22	3	2	5	8	3	1	22	—
23	3	2	2	—	3	1	18	—
24	3	1	11	4	3	1	—	—
25	3	1	27	—	3	1	16	—
26	3	1	18	—	3	1	6	—
27	3	2	11	12	3	2	—	—
28	3	1	13	8	3	1	2	—
29	3	2	12	—	3	2	—	—
				Carried forw.d	100	1	3	—

No	Gro. Weight C	qr	lb	oz	N.t Weight C	qr	lb	oz
30	3	—	12	4	3	2	—	—
31	3	1	20	—	3	1	8	—
32	3	1	27	8	3	1	16	—
33	3	1	22	4	3	1	10	—
34	3	1	21	4	3	1	10	—
35	3	1	19	—	3	1	7	—
36	3	1	12	8	3	1	2	—
37	3	1	26	—	3	1	14	—
38	3	1	18	12	3	1	7	—
39	3	2	12	4	3	2	—	—
40	3	2	3	—	3	1	20	—
41	3	2	4	8	3	1	21	—
42	3	2	8	—	3	1	24	—
43	3	1	19	12	3	1	8	—
44	3	1	7	—	3	—	23	—
45	3	1	23	4	3	1	11	—
46	3	1	18	12	3	1	7	—
47	3	3	2	12	3	1	17	—
48	3	3	11	8	3	3	—	—
49	3	2	26	12	3	2	13	—
50	3	3	6	12	3	2	21	—
51	3	3	13	8	3	3	—	—
52	3	3	13	12	3	3	—	—
53	3	3	9	4	3	2	24	—
54	3	3	26	12	3	3	12	—
55	3	3	25	8	3	3	11	—
56	3	3	1	12	3	2	16	—
57	3	3	22	8	3	3	8	5
58	3	3	18	—	3	3	3	—
				Carr.d forw.d	102	—	15	5

Over

CWT 4 QRS or 112 LBS
QR 28 LBS
LBS 16 OZ
OZ

100 POUND WEIGHTS = 112 LBS EACH
UNITS OF 28 LBS
POUNDS
16 OZ

5 Casks for Cents 203 - 0 - 12 - 11
6 Casks for ½ Cents 20 - 1 - 20 - 10

223 - 1 - 5 - 5 = 11 - 3 - 1 - 5 - 5

T C Q lb OZ

TONS OF 2240 LBS
CWT OF 112 LBS
QRS OF 28 LBS
LBS OF 16 OZ

@ $141 per LONG TON

HALF Cents

1 LONG Ton of ½ cent Planchets

LARGE CENTS
168 GRAINS EACH
41.6666 PER LB

22,743 LBS

947,832 PLANCHETS

84 Grains Each =
7000 Grains Per lb
83.33333 Per lb

20 C = 1 TON = 186,667 PLANCHETS
20 lbs of 112 LBS = 167
1032 52

186,886

186,667
1667
52
188,386

Invoice of 94 Casks & 1 Case of Copper Planchets for Cents & ½ Cents sent from hence to Liverpool to be Shipped from thence on Board the Newton John Riley Master for Philadelphia Consigned to Elias Boudinot Esqr. Director of the Mint on Acct. & Risk of the United States of America from Mr. Boulton

Soho near Birmingham Aug.t 24th. 1803

B No.	Tr lb	oz	Nt Wt cwt	qr	lb	B No.	Tr lb	oz	Nt Wt cwt	qr	lb	B No.	Tr lb	oz	Nt Wt cwt	qr	lb
34	11	10	3	—	24	34 a 58			78	3	6	125 a 138			45	—	2
35	11	2	3	—	—	59	11	7	3	—	20	139	11	10	3	1	—
36	10	13	3	—	—	60	10	15	3	—	20	140	12	—	3	—	20
37	10	10	3	—	—	61	10	9	3	—	14	141	10	9	3	—	20
38	10	10	3	—	12	62	10	6	3	1	—	142	11	10	3	—	20
39	10	8	3	1	—	63	10	12	3	—	14	143	10	12	3	1	—
40	10	7	3	1	14	64	10	7	3	1	—	144	10	14	3	—	6
41	10	14	3	—	14	65	11	4	3	—	20	145	11	5	3	—	8
42	10	14	3	—	14	in case 187			—	1	25	146	11	5	3	—	20
43	10	15	3	—	12	for ½ Cents			101	2	7	147	10	8	3	—	14
44	10	8	3	1	—	B	lb	oz	cwt	qr	lb	148	9	13	3	—	20
45	10	8	3	—	20	125	10	14	3	—	20	149	10	10	3	—	14
46	10	12	3	—	20	126	11	—	3	—	14	150	9	10	3	—	20
47	10	15	3	—	14	127	10	14	3	—	14	151	11	—	3	—	20
48	10	7	3	—	14	128	10	9	3	1	—	152	10	1	3	1	—
49	11	—	3	1	—	129	10	6	3	—	24	153	9	14	3	—	20
50	10	6	3	—	6	130	11	4	3	1	—	154	10	5	3	—	20
51	11	2	3	—	20	131	12	2	3	1	—	155	9	6	[illegible]		
52	10	8	3	—	20	132	11	14	3	1	—	156	10	3	3	—	20
53	10	10	3	—	14	133	11	5	3	—	14	157	10	13	3	—	14
54	10	15	3	—	20	134	11	10	3	1	—	158	10	10	3	1	—
55	11	—	3	—	14	135	11	9	3	1	—	159	10	9	3	1	—
56	11	9	3	—	14	136	12	2	3	1		160	9	14	3	—	20
57	10	11	3	—	20	137	11	12	3	1		161	9	12	3	1	—
58	10	7	3	1	—	138	11	14	3	1	—	162	10		3	—	20
			78	3	6				45.	0	2				121 .	1 .	2

Shipments from Boulton

of Cent Planchets

1800 – See [illegible]

JULY 1803 – 33 CASKS OF [illegible]

WT 100 C – 2 Q – 6 LBS = 11,262 LBS

= 938,500 PLANCHETS

AUG 1803 31 CASKS of Planchets

WT 101 C – 2 Q – 7 LBS = 11,375 LBS

= 947,917 PLANCHETS

Aug 1804

Sept 1804 62 Casks of Planchets

WT 201 – 1 – 0 = 22,540 LBS

1,878,333 PLANCHETS

AUG 1807 26 Casks

WT 5 TONS – per [illegible]

= 11200 LBS

= 933,333 PLANCHETS

7/1803	938,500
8/1803	947,917
9/1804	1,878,333
8/1807	933,333
	4,698,083

1

BOULTON CORRESPONDENCE

1824

Soho September 22. 1824.–

Sir,

Replying to your favour of the 10. ult. I received within these few days I beg to state that I could at this time complete an order for planchets of half cents to the extent of 10 Tons within about 5 or 6 Weeks from the receipt of it — The charge for the planchets delivered at Liverpool packed in proper Casks as heretofore furnished to the United States Mint will be at the rate of £139. p Ton. This charge is stated upon the supposition of my being reimbursed for the amount of the Invoice in three Months from the date of the delivery of the planchets for shipment in Liverpool, & that the price of Copper at the time of the receipt of your order remains as at present. –

Owing to the fluctuation of the Copper Market I could not state a prospective price for the execution of an order at a distant period. In my former transactions with the Mint of the United States it has always been usual for me to execute their orders at the current price

10 TONS OF ½ CENT PLANCHETS ?

1,866,447 planchets

Ents #52

Half Cents on Hand

Jan 29, 1837 $2,262.50 = 452,500

Half Cents on Hand

Sept 30, 1839 2030.25 = 406,050

12/31/1840 201100 = 402 200

Page 192 Shows

Disposition of these Many [illegible]

9/22/1841	1858 55	=	371,710
12/21/1842	1652.00	=	330,400
9/30/1843	1335.50	=	267,100
12/31/1844	874 76	=	174,952
12/31/1845	747.97	=	149,594
6/30/1846	677.80	=	135,560
9/30/1847	514 78	=	102,956
3/31/1848	47772	=	95,544
6/30/1848	444 24	=	88,848
9/30 1848	351 29	=	70,258
6/30/1849	154 50	=	30,900
9/29/1849	123 89	=	24,778
12/31/1849	160 10	=	32,020

P.159 of Book C

Half Cents First appear in November 1849

4 Boxes of $75.00 Each Delivered 11/3 = 99.61

12/4 = 99.71

199.32

199.32

39,864

40,000 BLANKS

136 SPOILED

Planchets from Crocker + Bro.

~~Ball [illegible] Paid on 11/5/1849 4,49.50~~

11 Boxes of $75.02 are Planchets from 55,000

PLANCETS

8 / 82.5 / 02

559 LBS

X 3502 = 5,000 PLANCHETS

559
16) 7625
80
144
144

192.

Mem. of Half Cents, in kegs, on hand May 11. 1840.

			Forward	965.	Forward	1,940.
√s	No. 3.	80.	No. 16. √s Oct 11/45 Put into bags	85.	(one box No. 4	60. √s.
√s.	4.	70. (1840. July 28 - 531. put into bags; 1844. Feb 5 / 539. " " ")	17. √s	90.		2,000.
√s	6.	65. Sept. 1/41. " " "	18. √ Put into bags (Aug. [illegible])	90.		
√s	7.	85. June 19/43	19 √ Put into bags April 3. 1847	85.		
√s	8.	85. July 14/43 put into bags	20 √ Put into bags Nov 19/48	85.		
√s	9.	85.	21. √	65. √s Oct. 28/41		
√s	10.	85.	22 √ Put into bags Jan'y 10 1848	80.		
√s	11.	85. July 3/44 put into bags	23. √	70. √s July 22/42		
√s	12.	75. √s Oct. 21/42 put into bags	24. [illegible]	80.		
√s	13.	80.	25 Put into bags June 1/49	85.		
√s	14.	85.	26. √s.	90.		
√s	15.	85. June 24/45 put into bags	27. May 5. 1849 $20. bags $50 Keg [illegible]	70.		
Forward	965.		Forward	1,940		

n. [illegible] 400,000 ½ cents

Deposited in Treasurer's Vault,
from 1st April to 30th June 1840.

1840.		
April 30.	$ 110. —	1/4 & 1/2 Eagles.
May 30.	257. —	Hf. Dolls. & [illegible]
" "	205. —	Eagles & ½ [illegible]
June 30.	120. —	Hf. Dolls.
" "	700. —	(Hf. & Qr. Eagles.
	1,392.	

[illegible] COINAGE PER JOURNAL

SHIPMENTS		INVENTORY OF PLANCHETS		UNACCOUNTED + SPOILAGE		COINAGE
[illegible]	11 Boxes of 5000 =	55000				
[illegible]	14 Box of 5000 -	70,000				
		125,000				1849
11/3/49	[illegible]	(20,000)	→	u/78	→	19,922
12/4/49	[illegible]	(20,000)	→	u/58	→	19,942
12/31/49		85,000				39,864
6/[illegible]/50	[illegible]	(20,000)	→	u/112	→	19,888
9/19/50	[illegible]	(20,000)	→	u/76	→	19,924
?	[illegible]	2,000				
12/31/50		47,000				39,812
1/30/51	[illegible]	(47,000)	→	u/206	→	46,794
7/[illegible]/51	5 Boxes of 20,000 :	100,000				
?	[illegible]	2000				
[illegible]/51	[illegible]	(102,000)	→	u/432 s/690	→	100,878
12/31/51		- 0 -				147,672
3/[illegible]/53		93,000				
4/[illegible]/53		(93,000)	→	u/420	→	92,580
[illegible]/53	5 Boxes of 18,750 Each	93,750				
[illegible]/53	[illegible]	(37,333)	→	u/219	→	37,114
12/31/53		56,417				129,694
1/[illegible]/54		(55,486)	→	s/128		55,358
12/31/54		931				55,358
[illegible]/55	3 Boxes of 18,750 Each	56,250				
[illegible]/55		(56,792)	→	s/292		56,500
12/31/55		389				56,500
[illegible]/56	[illegible]	200				
[illegible]/56		(200)	→			200
[illegible]/56	[illegible]	40,000				
[illegible]/56		([illegible])	→	s/92		40,[illegible]
12/31/56		75				40,430
[illegible]/57	[illegible]	[illegible]				
[illegible]/57		([illegible])	→	s/48		35,[illegible]
		([illegible])				35,[illegible]

7/8/51

358.95 @ 30¢ Per lb

```
    11965
3 ) 358.95
    3
     28
     27
      19
      18
       15
```

1196.5 lbs ADV

Equals @ 7000 gr per lb

8,375,500 GRAINS

÷ 84

Equals Planchets

99,708

But produced
[illegible]
100,000
planchets

3/6/53 468.30 @ 42¢ per lb

```
     1115
42 ) 468.30
```

= 1115 lbs adv.

Equals

7,805,000 GRAINS

÷ 84

Equals Planchets

92,917

1 X 7000 ÷ 84 =

8333 333 33 333 33

4/14/55

256.50 @ 38¢ Per lb.

```
     675
38 ) 25650
     228
     ---
      285
      266
      ---
       190
       190
```

675 lbs ache
× 83.33333
Equals
56,250 Plankets

10/6/53

Boxes averaged 90 each
90

450.00 @ 40¢ Per lb.
5 Boxes of 225 lbs Each. — Each Box had 187.50 Planket each

```
    1125
4 ) 450
    4
    --
     10
      8
     --
      20
```

1125 lbs
× 83.3333
Equals
93,750 Planket

75¢ @ 30¢ Per lb.

```
     2.5
30 ) 75
     60
     ---
     150
     150
```

2.5 lbs.
× 83.333
Equals
208 Planket

-NOTE

W, #93 Printing + Expenses —

Expenses of Mint — Apparently Project Started in 1825 + Never Finished

→ See letter Book ~~#25~~ Page 25 [illegible] — of [illegible]

— [illegible] a Copy Job.

Cameo [illegible] 1835

Expenses [illegible] 1879

in 1799 20.50 spent for

Prosecution for attempt to rob Mint.

Sources of Copper plates [illegible]

[illegible]

1795 - 1799 — apparently [illegible] made by [illegible]

1795 [illegible] — [illegible]

1795 [illegible] — [illegible] + [illegible]
[illegible] COLTMAN ?

1796 [illegible]

1797 [illegible] + [illegible]

1799 [illegible]

1800 — [illegible]

1800 — [illegible]

1800 – 1835 [illegible]

[illegible] 1857 [illegible] BASE of [illegible] MASS

TAL TOKENS

Per Walter Breen [illegible] [illegible] of 3/69 [illegible] [illegible] [illegible] that the Mint bought 1076 [illegible] TAL Tokens in 1996 [illegible] [illegible] [illegible] [illegible] about 32,000 blanket

Each TAL Token weight aprox 148 GRAINS

Therefore 47.3 Tokens AVD LB = 50,895
✓ 38.92 TOKENS TROY = 41,878

1 Token made 1 blanket

[illegible] Cosmique? | Comparison to TAXAS (BROWN) (JULIAN)

apparently been omitted in CCT?

[illegible]	[illegible]		[illegible]		Comments	[illegible]
[illegible]	[illegible]	✓	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	✓	[illegible]	[illegible]		
[illegible]	[illegible]	✓	[illegible]	[illegible]		
[illegible]	[illegible]	✓	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	✓	[illegible]	[illegible]		
				55[illegible]		
[illegible]	[illegible]	✓	[illegible]	[illegible]		
[illegible]	[illegible]	✓	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	✓	Mint Report?			[illegible]
[illegible]	[illegible]	✓	Mint Report?			[illegible]
[illegible]	[illegible]	✓	Mint Report?		[illegible]	[illegible]
[illegible]	[illegible]	✓	Mint Report?		[illegible]	[illegible]
	4 [illegible]					[illegible]

Record Group #104 Not Compiled until 1952

PSof.

Records of the US Mint at Phila

General Correspondence 1792-1899 (1)
75 Feet

BOULTON Correspondence - (7) *

Assay Work Book. (30) *

"Waste Books" - ACTUALLY JOURNALS (41) *

Account Book for Coinage Expense (43) *

Record of Copper Coinage (45) *

Account Book for Delivery of Cents and Half Cents 1796-1803 (46) *

Records Relating to Copper Cent Planchets 1837-1850 (52) *

BULLION LEDGERS 1794-1810 (100) ✓

Register of Dies for Philadelphia Mint 1839-1854 — NO PHILA RECORDS (108) *

171
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187
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189
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Letters

MICRO 64

INDEX - Mr Lloyd.
Room 201 | NA

C.D
3029 | Preliminary Inventory
A21 | of Records of USMint in Phila
~~No~~ | (Record Group 104)
No 40 |

BOX 256
VII B-1

HG
555 } TAXAY
T29

BOX 264 | NATIONAL ARCHIVES
264A | PRELIMINARY INVENTORY OF RECORDS
VII B-1 | of the Bureau of the Mint. (NC-152)
1968
8-6-68 JMB

Blue Card.

Record Group #104
#56
#217

TAXAY

256
128
370
498

93 50
93 50
187,00

6178
6178